

IN THE CLAIMS:

Claims 1-43 (Cancelled)

44. (Presently Amended) A dual mode mobile communication device, comprising:

a single, integrated device housing that does not include two or more hinged housing sections;

a voice communication interface configured in the device housing for operating the device in a voice mode of operation, the voice communication interface comprising a speaker, a display and a microphone;

a data communication interface configured in the device housing for operating the device in a data mode of operation, the data communication interface comprising the display and a complete alphanumeric keyboard laid out in the QWERTY style (QWERTY keyboard) ~~QWERTY keyboard~~, the QWERTY keyboard being positioned within a front surface of the single, integrated device housing; and

a wireless transceiver for sending and receiving voice communications when in the voice mode of operation and data communications when in the data mode of operation;

wherein the voice communication interface and the data communication interface are configured in the single, integrated device housing such that the speaker is positioned at the top of the device housing, the display is positioned below the speaker, and the QWERTY keyboard and the microphone are positioned below the display;

the dual mode mobile communication device being operable in either the voice mode of operation or the data mode of operation without reorienting the device.

45. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the single, integrated device housing further comprises a back surface, the device having a generally rectangular shape.

46. (Cancelled)

47. (Previously Presented) The dual mode mobile communication device of claim 45, wherein the device housing further comprises a plurality of side surfaces connecting the front surface to the back surface, the plurality of side surfaces including a top side surface and a bottom side surface.

48. (Previously Presented) The dual mode mobile communication device of claim 47, wherein the speaker and display of the voice communication interface are positioned on the front surface of the device housing and the microphone is positioned on the bottom side surface of the device housing.

49. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the microphone is positioned below the QWERTY keyboard.

50. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the speaker, display, QWERTY keyboard, and microphone are each aligned along a vertical reference line through the device housing.

51. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the display and the QWERTY keyboard are aligned along a vertical reference line through the device housing, and wherein the speaker and microphone are offset from the vertical reference line.

52. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the display is rectangular.

53. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the QWERTY keyboard includes a plurality of letter keys, a plurality of function keys and a space bar key.

54. (Previously Presented) The dual mode mobile communication device of claim 53, wherein the plurality of function keys include a backspace key, an enter key and a delete key.

55. (Previously Presented) The dual mode mobile communication device of claim 53, wherein the QWERTY keyboard further includes a NUM lock key and a CAP lock key, wherein the NUM lock key and the CAP lock key are positioned on either side of the space bar key.

56. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the QWERTY keyboard includes a plurality of letter keys, wherein approximately half of the letter keys are positioned on a left hand side of the device housing and approximately half of the letter keys are positioned on a right hand side of the device housing.

57. (Previously Presented) The dual mode mobile communication device of claim 56, wherein the letter keys on the left hand side of the device housing are tilted at a negative angle with respect to a vertical reference line through the device housing and the letter keys on the right hand side of the device housing are tilted at a positive angle with respect to the vertical reference line.

58. (Previously Presented) The dual mode mobile communication device of claim 57, wherein each key on the left hand side is tilted at a common negative angle with respect to the vertical reference line and wherein each key on the right hand side is tilted at a common positive angle with respect to the vertical reference line.

59. (Previously Presented) The dual mode mobile communication device of claim 58, wherein the common negative angle and the common positive angle are complementary angles.

60. (Previously Presented) The dual mode mobile communication device of claim 57, wherein the letter keys are oblong shaped.

61. (Previously Presented) The dual mode mobile communication device of claim 60, wherein the oblong shaped letter keys are oval shaped.

62. (Previously Presented) The dual mode mobile communication device of claim 60, wherein the oblong shaped keys are rectangular shaped.

63. (Previously Presented) The dual mode mobile communication device of claim 60, wherein the oblong shaped keys are diamond shaped.

64. (Previously Presented) The dual mode mobile communication device of claim 56, wherein the letter keys are organized into three rows of keys, wherein each key in each row of keys is horizontally aligned across a front surface of the device housing with the other keys in the row of keys.

65. (Previously Presented) The dual mode mobile communication device of claim 56, wherein the letter keys are organized into three rows of keys, wherein the keys in each row of keys are configured along an arc across a front surface of the device housing.

66. (Previously Presented) The dual mode mobile communication device of claim 65, wherein the arc is convex.

67. (Previously Presented) The dual mode mobile communication device of claim 65, wherein the arc is concave.

68. (Previously Presented) The dual mode mobile communication device of claim 56, wherein the plurality of letter keys are symmetrically shaped.

69. (Previously Presented) The dual mode mobile communication device of claim 68, wherein the letter keys are square shaped.

70. (Previously Presented) The dual mode mobile communication device of claim 68, wherein the letter keys are circular shaped.

71. (Previously Presented) The dual mode mobile communication device of claim 44, further comprising a serial port mounted along a side surface of the device housing.

72. (Previously Presented) The dual mode mobile communication device of claim 44, further comprising at least one auxiliary input/output device mounted along a side surface of the device housing.

73. (Previously Presented) The dual mode mobile communication device of claim 72, wherein the auxiliary input/output device is a thumbwheel.

74. (Previously Presented) The dual mode mobile communication device of claim 72, wherein the auxiliary input/output device is a LED.

75. (Previously Presented) The dual mode mobile communication device of claim 44, further comprising:

a microprocessor, coupled to the transceiver, the display, the QWERTY keyboard, the microphone and the speaker, for controlling the operation of the device.

76. (Previously Presented) The dual mode mobile communication device of claim 75, further comprising:

a memory store for storing an operating system and one or more application programs that are executed by the microprocessor, the one or more application programs including at least a voice communication module and a data communication module;

wherein the voice communication module controls the voice communication interface when the device is in the voice mode of operation and the data communication module controls the data communication interface when the device is in the data mode of operation.

77. (Previously Presented) The dual mode mobile communication device of claim 76, wherein the one or more application programs further include a personal information manager application program.

78. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the transceiver includes a pair of transmitter/receivers, a first transmitter/receiver for sending and receiving voice communications and a second transmitter/receiver for sending and receiving data communications.

79. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the transceiver includes at least one antenna, a transmitter and a receiver coupled to the at least one antenna, and a digital signal processor for communicating with the transmitter and the receiver.

80. (Previously Presented) The dual mode mobile communication device of claim 44, further comprising a short range RF communications system.

81. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the transceiver sends and receives voice communications to and from a wireless voice network and wherein the transceiver sends and receives data communications to and from a wireless data network.

82. (Previously Presented) The dual mode mobile communication device of claim 81, wherein the wireless voice network is the GSM network and the wireless data network is the GPRS network.

83. (Previously Presented) The dual mode mobile communication device of claim 76, wherein the memory store includes a file system for storing user information in (Previously Presented) The dual mode device.

84. (Previously Presented) The dual mode mobile communication device of claim 44, wherein the single, integrated housing includes a front surface, a rear surface, and a plurality of side surfaces that couple the front surface to the rear surface.

85. (Previously Presented) The dual mode mobile communication device of claim 84, wherein the speaker, display, QWERTY keyboard and microphone are mounted within the front surface of the device housing.

86. (Previously Presented) The dual mode mobile communication device of claim 84, wherein the QWERTY keyboard is symmetrically positioned from two of the side surfaces in the front surface.

87. (Previously Presented) The dual mode mobile communication device of claim 84, further comprising a thumbwheel input device mounted within one of the side surfaces adjacent to the display.

88. (Previously Presented) The dual mode mobile communication device of claim 84, further comprising a thumbwheel input device mounted within the front surface.

89. (Previously Presented) The dual mode mobile communication device of claim 44, further comprising:

an infrared data port for wireless transmitting and receiving data with another mobile communication device having a similar infrared data port.

90. (Previously Presented) The dual mode mobile communication device of claim 44, further comprising:

a mode key for switching the device between the voice mode of operation and the data mode of operation.

91. (Previously Presented) The dual mode mobile communication device of claim 84, wherein the front, rear and plurality of side surfaces are formed using two separate device housing sections coupled together to form the single, integrated device housing.

92. (Previously Presented) The dual mode mobile communication device of claim 91, wherein the two separate device housing sections are coupled together using a plurality of fasteners.

93. (Previously Presented) The dual mode mobile communication device of claim 92, further comprising a single circuit board for mounting the display, keyboard and speaker, the single circuit board being positioned within the two separate device housing sections and maintained in place using the plurality of fasteners.

94. (New) The dual mode mobile communication device of claim 44, further comprising:

a personal information manager (PIM) interface comprising the display, the QWERTY keyboard, and a PIM application program for operating the device in a PIM mode of operation.

95. (New) The dual mode mobile communication device of claim 94, wherein the PIM application is configured to generate and store a plurality of PIM data items in a PIM database stored on the dual mode mobile communication device, the PIM data items including calendar data items, appointment data items and/or task data items.

96. (New) The dual mode mobile communication device of claim 94, wherein the PIM application interacts with the voice communication interface to manage and process received voice calls and voice messages at the dual mode mobile communication device.

97. (New) The dual mode mobile communication device of claim 94, wherein the PIM application interacts with the data communication interface to manage and process received data messages and to store the data messages in the PIM database on the dual mode mobile communication device.

98. (New) The dual mode mobile communication device of claim 94, further comprising a serial port for interfacing the dual mode mobile communication device to a host computer system.

99. (New) The dual mode mobile communication device of claim 98, wherein the serial port is used to synchronize data stored within the dual mode mobile communication device with data stored at the host computer system.

100. (New) The dual mode mobile communication device of claim 99, wherein the data stored within the dual mode mobile communication device may be synchronized with the data stored at the host computer system over a wireless network in addition to being synchronized using the serial port.

101. (New) The dual mode mobile communication device of claim 98, wherein the serial port is used to configure the operation of the device via a software application operating on the host computer.

102. (New) The dual mode mobile communication device of claim 98, wherein the serial port is used to load application programs from the host system to the dual mode mobile communication device.

103. (New) The dual mode mobile communication device of claim 98, wherein the serial port is used to load an encryption key from the host system to the dual mode mobile communication device to facilitate secure data communications via the data communication interface.